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30 JUN 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2733.23US01

Kenneth Board et al.

Confirmation No.: 6894

Application No.: 10/517,907

Examiner: Unknown

Filed: December 10, 2004

Group Art Unit: Unknown

For: OPTOELECTRONIC DEVICES

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

A concise explanation of the relevance of the non-English language references is set forth in the attached search report and also please see the translated attached abstracts for each reference and portions of the specification for FR 1,428,845.

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

Respectfully submitted,



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*Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.*

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV616920665US. Date of Deposit: June 30, 2005. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signature

## Substitute for form 149/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

<i>Complete if Known</i>	
Application Number	10/517,907
Filing Date	December 10, 2004
First Named Inventor	Kenneth Board
Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 1 Attorney Docket Number 2733.23US01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> ( <i>if known</i> )		
		US-3,825,741	07/23/1974	Morton et al.
		US-3,860,847	01/14/1975	Carley
		US-2003/0052584 A1	03/20/2003	Matsui et al.
		US-		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )			
		GB 1,295,775	11/08/1072	Kessler	
		GB 1,216,090	12/16/1970	Philips Electronics	
		EP 0 435 473 A2	07/03/1991	Hamburgen	
		EP 0 658 933 B1	06/21/1995	Ishihara	
		EP 0 789 405 A2	08/13/1997	Tange	
		WO 99/16136	04/01/1999	Mills	
		JP 55046589	04/01/1980	Ueda	X (abstract)
		JP 60153188	01/21/1984	Shinmura	X (abstract)
		JP 2001036153	02/09/2001	Hashizume	X (abstract)
		SU 1035400 A	08/15/1983	Kurikhin	X (abstract)
		FR 1,428,845	02/18/1966	Thomson Houston Co	X

EXAMINER SIGNATURE	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.